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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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Craig L. Reding

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EXAMINER

ADDY, THUAN KNOWLIN

ART UNIT

PAPER NUMBER

2614

NOTIFICATION DATE

DELIVERY MODE

06/08/2009

ELECTRONIC

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

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Office Action Summary	Application No. 10/720,870	Applicant(s) REDING ET AL.	
	Examiner THJUAN K. ADDY	Art Unit 2614	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 03 March 2009.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-11, 13-22, 24-35, 37-47 and 49-52 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-11, 13-22, 24-35, 37-47 and 49-52 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 24 November 2003 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____ |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Response to Amendment

1. Applicant's amendment filed on March 03, 2009 has been entered. Claims 1, 2, 11, 18, 20, 27, 46, 47, and 50 have been amended. Claims 12, 23, 36, and 48 have been cancelled. No claims have been added. Claims 1-11, 13-22, 24-35, 37-47, and 49-52 are still pending in this application, with claims 1, 18, 27, 46, and 47 being independent.

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

2. Claims 1, 18, 46, and 47 are rejected under 35 U.S.C. 103(a) as being unpatentable over Ruth et al. (US Patent Application, Pub. No.: US 2003/0083040 A1), in view of Albal et al. (US 6,996,227).

3. In regards to claims 1 and 46, Ruth discloses a method and computer-readable medium for logging calls comprising the steps implemented by one or more computers (See Abstract) of: receiving, from a user (e.g., user data, See pg. 2, paragraph [0017]), instructions that specify filter settings (e.g., hash value) for logging outgoing calls, wherein the instructions received from the user specify a phone number (e.g., particular

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call or call identifier/call ID) (See pg. 1, paragraph [0007]) and, phone calls to the specified phone number are to be excluded from a call log (for example, when the hash value does not meet the predetermined logging criteria, that particular call is not logged); obtaining outgoing call information (e.g., call identifier/call ID/) associated with an outgoing call originating from a calling device and destined to a called device, the outgoing call information reflecting a dialed number; determining whether or not to log the outgoing call information based on the filter settings (e.g., hash value); and storing the outgoing call information in a call log in response to a determination to log the outgoing call information (See Fig. 5; pg. 1, paragraph [0007]; pg. 2, paragraph [0017]; pg. 3, paragraph [0022]; and pg. 4, paragraph [0028]). Ruth, however, does not disclose inserting the dialed number from the call log into a contact list. Albal, however, does disclose inserting the dialed number (e.g., called telephone number) from the call log (e.g., call-detailed record (CDR) 330, See Fig. 3) into a contact list (See Fig. 1, Fig. 2, and address book 122) (See col. 5 lines 8-33). Therefore, it would have been obvious for one of ordinary skill in the art at the time of the invention to incorporate this feature within the method, as a way of allowing a user or subscriber to be able to add a current or previously called telephone number to his or her address book, for storing, updating, and accessing information associated with a user or subscriber.

4. In regards to claims 18 and 47, Ruth discloses a method and computer-readable medium for logging calls comprising the steps implemented by one or more computers (See Abstract) of: obtaining information (e.g., call identifier/call ID/) associated with outgoing calls originating from each of a plurality of source communication devices

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associated with a user and destined to at least one destination device; receiving, from the user (e.g., user data, See pg. 2, paragraph [0017]), instructions that specify filter settings (e.g., hash value) for logging information associated with the outgoing calls, wherein the instructions indicate at least one outgoing call to exclude from a call log (for example, when the hash value does not meet the predetermined logging criteria, that particular call is not logged), the information including a dialed number (e.g., call ID), the filter settings being specific to each of the plurality of source communication devices associated with the user (See pg. 4, paragraph [0027]); determining whether or not to store the information associated with the outgoing calls based on the filter settings (e.g., hash value); and storing said information in the call log in response to a determination to store the outgoing call information (See Fig. 5; pg. 1, paragraph [0007]; pg. 2, paragraph [0017]; pg. 3, paragraph [0022]; and pg. 4, paragraph [0028]). Ruth, however, does not disclose inserting the dialed number from the call log into a contact list. Albal, however, does disclose inserting the dialed number (e.g., called telephone number) from the call log (e.g., call-detailed record (CDR) 330, See Fig. 3) into a contact list (See Fig. 1, Fig. 2, and address book 122) (See col. 5 lines 8-33).

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5. Claims 2-6, 8-11, 13-17, 19-22, 24-35, 37-45, and 50-52 are rejected under 35 U.S.C. 103(a) as being unpatentable over Ruth et al. (US Patent Application, Pub. No.: US 2003/0083040 A1), in view of Albal et al. (US 6,996,227), and further in view of Brown et al. (US Patent Application, Pub. No.: US 2003/0112928 A1).

6. In regards to claim 2, Brown further discloses the method, further comprising: providing the user with access to the call log (See pg. 6, paragraph [0094] and pg. 13, paragraph [0198]). Therefore, it would have been obvious for one of ordinary skill in the art at the time of the invention to incorporate this limitation within the method, as a way of allowing the user to be able to view the logs pertaining to the calls.

7. In regards to claims 3 and 19, Brown further discloses the method, wherein obtaining outgoing call information further comprises obtaining information associated with a user of the calling device and a user of the called device (See pg. 2, paragraph [0039] and pg. 7, paragraph [0104]).

8. In regards to claim 4, Brown further discloses the method, wherein obtaining information associated with a user of the calling device and a user of the called device includes obtaining a calling party number and a dialed telephone number, respectively (See pg. 2, paragraph [0039] and pg. 5-6, paragraph [0087] – [0088]).

9. In regards to claims 5 and 20, Brown further discloses the method, further comprising: retrieving contact-related information associated with a user of the called device using the outgoing call information; and adding the contact information to a contact list (See pg. 7, paragraph [0104]).

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10. In regards to claims 6 and 43, Brown further disclose the method and system, wherein retrieving contact-related information includes retrieving at least one of a name, a home address, a business address, and an e-mail address associated with the user of the called device (See pg. 2, paragraph [0039]).

11. In regards to claim 8, Brown further discloses the method, wherein retrieving contact-related information includes retrieving information included in a public record (See pg. 2, paragraph [0039]).

12. In regards to claims 9 and 39, Brown further discloses the method and system, further comprising: performing at least one data analysis using the call log (See pg. 13, paragraph [0198]).

13. In regards to claims 10 and 40, Brown further discloses the method and system, wherein performing at least one data analysis includes displaying outgoing call patterns (See pg. 6, paragraph [0094] and pg. 13, paragraph [0198]).

14. In regards to claims 11 and 25, Brown further discloses the method, wherein receiving instructions from the user that specify filter settings includes receiving instructions that indicate at least one outgoing call to include in the call log (See pg. 6, paragraph [0090]; pg. 8, paragraph [0132]; and pg. 9, paragraph [0135]).

15. In regards to claims 13, 22, 24, and 37, Brown further discloses the method and system, wherein determining whether or not to log the outgoing call information includes consulting the filter settings (e.g., call context or logging preferences directory 70) (See pg. 10, paragraph [0155] – [0156]).

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16. In regards to claim 14, Brown further discloses the method, where the calling device is a landline telephone and wherein obtaining outgoing call information associated with a call originating from a calling device and intended for a called device includes: setting a trigger on a communication line associated with the landline telephone; querying a service control point (See Fig. 1 and SCP 15) in response to the trigger; and initiating a service logic program in the service control point (See pg. 4, paragraph [0066] – [0068] and pg. 6, paragraph [0095]).

17. In regards to claim 15, Brown further discloses the method, further including: transmitting at least a dialed telephone number to a server from the service logic program (See pg. 4, paragraph [0067]).

18. In regards to claims 16 and 32, Brown further discloses the method and system, wherein the calling device is a programmable device and wherein obtaining outgoing call information associated with a call from a calling device to a called device includes: capturing the outgoing call information by the programmable device (See pg. 5, paragraph [0082] – [0083] and pg. 13, paragraph [0195]).

19. In regards to claim 17, Brown further discloses the method, further including: transmitting at least a dialed telephone number to a server from the programmable device (See pg. 12, paragraph [0172]).

20. In regards to claim 21, Brown further discloses the method, further comprising: detecting the outgoing calls originating from each of a plurality of source communication devices and destined to the at least one destination device, prior to obtaining the information associated with outgoing calls (See pg. 4, paragraph [0066] – [0067]).

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21. In regards to claim 26, Brown further discloses the method, wherein receiving instructions that specify filter settings includes receiving instructions to include in the call log information associated with outgoing calls that do not successfully reach the at least one destination device (See pg. 6, paragraph [0094]).

22. In regards to claims 27 and 41, Brown further discloses a first network (See Fig. 1 and PSTN 10) providing telephony services (See pg. 4, paragraph [0066]); a second network (See Fig. 1 and network/Internet/Intranet 20) for facilitating data transfer (See pg. 3, paragraph [0053]); a service center (See Fig. 1 and call center 16a-16n) coupled to the first network and the second network; and a user terminal input port, coupled to the second network and configured to interact with the server, for enabling the user to specify the preferences and access the call log (See pg. 6, paragraph [0094]; pg. 12, paragraph [0179]; and pg. 13, paragraph [0198]).

23. In regards to claim 28, Brown further discloses the system, wherein the first network is a Public Switched Telephone Network (PSTN) (See Fig. 1 and PSTN 10).

24. In regards to claim 29, Brown further discloses the system, wherein the first network is operable to perform Voice over Internet Protocol (VoIP) (See pg. 4, paragraph [0063]).

25. In regards to claim 30, Brown further discloses the system, wherein the first network includes a Public Switched Telephone Network (PSTN) and wherein the calling device input port is an interface receiving information from a landline telephone (See pg. 4, paragraph [0066] – [0067]).

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26. In regards to claim 31, Brown further discloses the system, wherein the information associated with the telephone calls includes a dialed telephone number and wherein a service control point coupled to the PSTN transmits the dialed telephone number to the server (See pg. 4, paragraph [0067] – [0067]).

27. In regards to claim 33, Brown further discloses the system, wherein the information associated with the telephone calls includes at least a dialed telephone number and wherein the telephone number is received by the service center (See pg. 5, paragraph [0085]).

28. In regards to claims 34 and 42, Brown further discloses the system, wherein the second network includes at least one of a wide area network (WAN), a local are network (LAN), an Intranet, and the Internet (See pg. 3, paragraph [0053]).

29. In regards to claim 35, Brown further discloses the system, wherein the fist [first] application generates a call log according to user-specified preferences that specify at least one criteria for logging the calls originating from the calling device (See pg. 6, paragraph [0094] and pg. 12, paragraph [0179]).

30. In regards to claims 38 and 44, Brown further discloses the system, wherein the storage function includes at least one database (See Fig. 1, SCP 15 and Fig. 6, context database 124) (See pg. 4, paragraph [0068] and pg. 12, paragraph [0176]).

31. In regards to claim 45, Brown further discloses the system, wherein the user terminal is one of a general purpose computer, a personal computer, a wireless device, a pager, a mobile phone having data access functions, and a Personal Digital Assistants (PDA) (See pg. 5, paragraph [0082]).

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32. In regards to claim 50, Brown further discloses all of claim 50 limitations, except the method, wherein the dialed number is added to the contact list in response to a command from a user. Albal, however, does disclose wherein the dialed number is added to the contact list in response to a command from the user (See col. 5 lines 30-33).

33. In regards to claim 51, Brown further discloses the method, further comprising retrieving contact information associated with the dialed number in the log using reverse directory assistance (See pg. 7, paragraph [0104]).

34. In regards to claim 52, Brown further discloses the method, wherein the filter settings specify a time period during which calls should be excluded from the log (See pg. 8, paragraph [0132]).

35. Claims 7 and 49 are rejected under 35 U.S.C. 103(a) as being unpatentable over Ruth et al. (US Patent Application, Pub. No.: US 2003/0083040 A1), in view of Albal et al. (US 6,996,227), in view of Brown et al. (US Patent Application, Pub. No.: US 2003/0112928 A1), and further in view of Hertzog et al. (US Patent Application, Pub. No.: US 2003/0069874).

36. In regards to claim 7, Ruth, Albal, and Brown disclose all of claim 7 limitations, except the method, wherein retrieving contact-related information includes retrieving a photograph. Hertzog, however, does disclose wherein retrieving contact-related information includes retrieving a photograph (See pg. 10, paragraph [0114] and pg. 11, paragraph [0124]). Therefore, it would have been obvious for one of ordinary skill in the

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art at the time of the invention to incorporate this feature within the method, as a way of using a photograph to identify a contact.

37. In regards to claim 49, Ruth, Albal, and Brownl discloses all of claims of claim 49 limitations, except the method, wherein the dialed number is added to the contact list automatically. Hertzog, however, does disclose wherein the dialed number is added to the contact list automatically (See pg. 1, paragraph [0005] and pg. 17, paragraph [0181]).

Response to Arguments

38. Applicant's arguments filed 03/03/2009 have been fully considered but they are not persuasive.

39. In regards to independent claims 1 and 46, Applicants argue that in Ruth's method, a mobile terminal identifier (IMSI) associated with each call is hashed to generate a hash value, and the hash value is compared to predetermined logging criteria to determine whether to log each call. Applicants further argue that a mobile terminal identifier such as an IMSI is not a phone number, and that Ruth does not disclose that the user specifies the IMSI. Examiner, however, respectfully disagrees with these arguments. For example, Ruth not only uses a IMSI to determine whether or not to log a particular call. Ruth also indicates that a call identifier/call ID (i.e., number) may be used to determine whether or not to log a particular call (See pg. 1, paragraph [0007] and pg. 2, paragraph [0017]). Ruth also does disclose that the user (e.g., user data and/or system operator) specifies the call identifier/call ID (See pg. 2, paragraph

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[0017]). For example, the "user data" may indicate which call to log based on the call identifier/call ID (i.e., number). Furthermore, Ruth discloses that the "system operator" (e.g., user) specifies the IMSI for indicating which call to log (See pg. 2-3, paragraph [0019]).

40. In regards to independent claims 18 and 47, Applicants argue that Ruth does not disclose that a user of several mobile terminals provides filter settings for each mobile terminal, and therefore, does not teach or suggest "receiving, from the user, instructions that specify filter settings... specific to each of the plurality of source communication devices associated with the user". Examiner, however, respectfully disagrees with these arguments. For example, Ruth teaches and suggests that other processing entities 26 are notified (via receiving the call ID) by another processing entity 26, in regards to call logging specifications (See pg. 4, paragraph [0027]).

41. Independent claim 27 is disclosed by Ruth for the same reasons, discussed above, in regards to independent claim 1.

Conclusion

42. **THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

43. A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the

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shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

44. Any inquiry concerning this communication or earlier communications from the examiner should be directed to THJUAN K. ADDY whose telephone number is (571)272-7486. The examiner can normally be reached on Mon-Fri 8:30-5:00pm.

45. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ahmad Matar can be reached on (571) 272-7488. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

46. Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Thjuan K. Addy/
Primary Examiner, Art Unit 2614

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